

# Napa Valley Transportation Authority

625 Burnell Street  
Napa, CA 94559



## Agenda - Final

**Monday, July 25, 2016**  
**5:00 PM**

**NVTa Conference Room**

### **Active Transportation Advisory Committee**

All materials relating to an agenda item for an open session of a regular meeting of the Active Transportation Advisory Committee (ATAC) which are provided to a majority or all of the members of the ATAC by ATAC members, staff or the public within 72 hours of but prior to the meeting will be available for public inspection, on and after at the time of such distribution, in the office of the Secretary of the ATAC, 625 Burnell Street, Napa, California 94559, Monday through Friday, between the hours of 8:00 a.m. and 5:00 p.m., except for NVTa holidays. Materials distributed to a majority or all of the members of the ATAC at the meeting will be available for public inspection at the public meeting if prepared by the members of the ATAC or staff and after the public meeting if prepared by some other person. Availability of materials related to agenda items for public inspection does not include materials which are exempt from public disclosure under Government Code sections 6253.5, 6254, 6254.3, 6254.7, 6254.15, 6254.16, or 6254.22.

Members of the public may speak to the ATAC on any item at the time the ATAC is considering the item. Please complete a Speaker's Slip, which is located on the table near the entryway, and then present the slip to the ATAC Secretary. Also, members of the public are invited to address the ATAC on any issue not on today's agenda under Public Comment. Speakers are limited to three minutes.

This Agenda shall be made available upon request in alternate formats to persons with a disability. Persons requesting a disability-related modification or accommodation should contact the Administrative Technician, at (707) 259-8631 during regular business hours, at least 48 hours prior to the time of the meeting.

This Agenda may also be viewed online by visiting the NVTa website at [www.nvta.ca.gov](http://www.nvta.ca.gov), click on Minutes and Agendas – ATAC or go to [www.nctpa.net/active-transportation-advisory-committee-atac](http://www.nctpa.net/active-transportation-advisory-committee-atac)

Note: Where times are indicated for agenda items they are approximate and intended as estimates only, and may be shorter or longer, as needed.

**1. Call To Order**

**2. Introductions**

**3. Public Comment**

**4. Committee Member and Staff Comments**

**5 Routine Accommodations/Complete Streets Checklist Review**

Note: Where times are indicated for the agenda items they are approximate and intended as estimates only, and may be shorter or longer, as needed.

**6. CONSENT AGENDA**

**6.1 Meeting Minutes of June 27, 2016 ATAC Meeting (Diana Meehan) (Pages 4-6)**

Recommendation: Approval

Estimated Time: 5:15. p.m.

Attachments: [Draft Minutes.pdf](#)

**7. REGULAR AGENDA ITEMS**

**7.1 Bike Maps Update (Diana Meehan) (Pages 7-8)**

Staff will provide an update on the Bike Maps.

Recommendation: Information only

Estimated Time: 5:15 p.m.

Attachments: [Staff Report.pdf](#)

**7.2 Multi-use Trail Usage (Diana Meehan) (Pages 9-14)**

Staff will provide information on Class 1 multi-use trail usage.

Recommendation: Information only

Estimated Time: 5:25 p.m.

Attachments: [Staff Report.pdf](#)

**8. FUTURE AGENDA ITEMS**

## **9. ADJOURNMENT**

### **9.1 Approval of Next Regular Meeting Date of September 26, 2016 and Adjournment**

I, Kathy Alexander, hereby certify that the agenda for the above stated meeting was posted at a location freely accessible to members of the public at the NVTa offices, 625 Burnell Street, Napa, CA by 5:00 p.m., on July 19, 2016

Kathy Alexander (e-sign) July 19, 2016

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Kathy Alexander, Deputy Board Secretary

# **Napa Valley Transportation Authority**

625 Burnell Street  
Napa, CA 94559

## **Meeting Minutes Active Transportation Advisory Committee**

Monday, June 27, 2016

5:00 PM

NVTA Conference Room

### **1. Call To Order**

The meeting was called to order at 5:00 p.m.

Present: 5 - Chairperson Michael Costanzo  
James Eales  
Barry Christian  
Joel King  
Dieter Deiss

Absent: 3 - Eric Hagyard  
Frances Knapczyk  
Donna Hinds

### **2. Introductions**

Public Present:

Eric Whan - City of Napa  
Aly Hite - Napa County Office of Education Safe Routes to School  
Philip Sales - Napa Valley Vine Trail Coalition (NVVTC) Executive Director  
TC Hulsey - Napa resident

### **3. Public Comment**

No public comment was received.

### **4. Committee Member and Staff Comments**

4.1 Barry Christian commented that the memorial service for Paul Shapiro an avid bicycle commuter who lost his life in a collision on SR 29 in May was well attended.

4.2 Staff member Alberto Esqueda gave a brief overview of the upcoming Express Bus Study.

### **5. Routine Accommodations/Complete Streets Checklist Review**

None.

## **6. CONSENT AGENDA**

### **6.1 Meeting Minutes of the May 23, 2016 ATAC Regular Meeting (Diana Meehan) (Pages 4-5)**

**MOTION MADE by King SECONDED by Eales to APPROVE the May 23, 2016 minutes as presented. Motion Passed Unanimously.**

## **7. REGULAR AGENDA ITEMS**

### **7.1 Technical Training: Presentation on Roundabouts (Diana Meehan) (Pages 6-40)**

Staff gave a presentation on Roundabouts. Highlights from the presentation included:

- Typical roundabout design
- Accommodations for bicycles and pedestrians
- Common safety mitigations for multi-lane roundabouts
- Safety benefits
- Air quality benefits

The City of Napa will be constructing roundabouts in the City at the intersections of California Blvd. and First St., and California Blvd. and Second St. Eric Whan, Deputy Public Works Director, offered to bring the Napa Roundabout project back to the group for a presentation sometime in the fall.

### **7.2 Vine Trail Programs Committee Overview (Philip Sales and Patrick Band) (Pages 41-42)**

Napa Valley Vine Trail Coalition (NVVTC) Executive Director Philip Sales provided a presentation and overview of the NVVTC upcoming programs developed by the NVVTC programs committee. The programs are designed to promote the cultural and community benefits of the trail. The programs are designed around four focus areas:

- Health and Wellness (Walk With a Doc, beginning this fall)
- Outdoor Education (Youth focus, school programs)
- Arts and Culture (Docent programs, local history, geology, birding, wine)
- Volunteer Maintenance (Trail Ambassadors, Work Days, Adopt a segment)

### **7.3 Complete Streets Checklist Update (Diana Meehan) (pages 43-53)**

Staff provided the committee with updated checklist amendments and procedures. The committee will have the opportunity to review checklists once projects are submitted for the OBAG Cycle II call for projects later this year.

### **7.4 Draft Countywide Pedestrian Plan Update (Diana Meehan) (Pages 54-55)**

Staff provided an update on the Countywide Pedestrian Plan, including the upcoming Public Hearing on the environmental document and scheduled plan adoption at the July 20, 2016 NVTA Board meeting.

## **ADDENDUM ITEM:**

### **7.5 Active Transportation Advisory Committee (ATAC) Member Appointments (Diana Meehan) (Pages 56-62)**

The committee recommended the NVTa board approve appointment of Trinity Talbot and the reappointment of Joel King to the NVTa ATAC committee as representatives for the City of Napa.

**MOTION MADE by Christian SECONDED by Deiss to APPROVE recommending City of Napa ATAC committee member appointments to the NVTa Board.  
Motion Passed Unanimously.**

## **8. FUTURE AGENDA ITEMS**

- Bicycle Map Update
- Class I Trail Users

## **9. ADJOURNMENT**

### **9.1 Approval of Next Regular Meeting Date of July 25, 2016 and Adjournment.**

Meeting Adjourned at 6:40 PM.



**NAPA VALLEY TRANSPORTATION AUTHORITY**  
**ATAC Agenda Letter**

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**TO:** Active Transportation Advisory Committee (ATAC)  
**FROM:** Kate Miller, Executive Director  
**REPORT BY:** Diana Meehan, Associate Planner  
(707) 259-8327 | [dmeehan@nvta.ca.gov](mailto:dmeehan@nvta.ca.gov)  
**SUBJECT:** Bicycle Map Update

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**RECOMMENDATION**

Information only

**EXECUTIVE SUMMARY**

The Napa County Regional Bicycle Map was assembled and published through a joint effort between NVTA staff, Napa Bicycle Coalition, Visit Napa Valley and the Vine Trail Coalition. Since its original publication in 2010, multiple changes have occurred within the county bikeways system requiring a map update.

**FISCAL IMPACT**

Is there a fiscal impact? No

**BACKGROUND AND DISCUSSION**

The Napa County Regional Bicycle Map was published through collaborative efforts between NVTA and multiple stakeholders with bicycling interest. The resulting map provides helpful information on bicycling in Napa County, including bicycle facility class type, sustained climb information, rest stops and local hospital locations. Also provided in the map are tips on bicycle laws and safety, bike shops and rentals, bike clubs and organizations and transit information and short descriptions of each jurisdiction.

Since the map's publication in 2010, multiple changes to the bikeways and transit system have occurred, requiring an update to the map. Changes in technology, including multiple bicycle mapping applications for cell phones, have altered the way maps are currently

used by some cyclists. Users are becoming increasingly reliant on accurate data available in electronic mapping systems. For the highest accuracy, maps should be periodically reviewed and updated to reflect changes in inventory.

Additionally, the Countywide Bicycle Plan Update is scheduled to begin in late 2016 which will require an inventory of the current and proposed bikeway system. This map update will provide the preliminary information for the mapping system updates in the plan.

The ATAC reviewed the current map at their November 16, 2015 meeting and made the following suggestions:

- Add mountain biking trails
- Update built-out infrastructure (requires cooperation from jurisdiction staff)
- Create online/mobile friendly version
- Include links to adjacent counties
- Reduce amount of information not oriented towards use
- Identify format
  - GIS
  - Graphics
  - Cartographic

The Napa County Bicycle Coalition has agreed to manage the production of the maps through a funding agreement with NVTA. NVTA has identified approximately \$10,000 in funding for the map update. Other potential funding sources for the map production are:

- Local Sponsorship
- Auction Napa Valley (Community Health)
- Napa Valley Vine Trail
- Other?

Next-steps (Dates Tentative):

ITEM	RESPONSIBILITY	TIMELINE
Inventory update/GIS files	Jurisdiction Public Works staff / NVTA staff	October 2016
Identify map format	NVTA staff	September 2016
Secure additional funding-funding agreements	NVTA staff / NapaBike	September 2016
Map production	NapaBike	October 2016
Distribution	NVTA/NapaBike	November/December 2016

## **SUPPORTING DOCUMENTS**

Attachment(s):      None





July 25, 2016  
ATAC Agenda Item 7.2  
Continued From: New

Action Requested: **INFORMATION**

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## NAPA VALLEY TRANSPORTATION AUTHORITY ATAC Agenda Letter

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**TO:** Active Transportation Advisory Committee  
**FROM:** Kate Miller, Executive Director  
**REPORT BY:** Diana Meehan, Associate Planner  
(707) 259-8327/ Email: [dmeehan@nvta.ca.gov](mailto:dmeehan@nvta.ca.gov)  
**SUBJECT:** Class I Multi-Use Trail Usage

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### **RECOMMENDATION**

Information only

### **EXECUTIVE SUMMARY**

Class I multi-use trail systems, completely separated from vehicle traffic, are designed to accommodate all types of users, making them popular among a wide variety of user types. As new types of active transportation devices are developed, such as electric powered skateboards and bicycles or scooters, the need for education among users and potentially regulation to help mitigate user conflict is becoming increasingly necessary. A new California law effective January 1, 2016 allows the use of electric powered bicycles and skateboards on multi-use trails (and other bicycle facility types) unless explicitly prohibited by ordinance within a jurisdiction (CA vehicle code 21207.5).

### **FISCAL IMPACT**

None

### **BACKGROUND AND DISCUSSION**

Class I multi-use trails are gaining popularity among a wide variety of recreational users and commuters. Etiquette among users is becoming paramount for the safety on Class I trail systems. Some electric devices, such as electric powered bicycles and skateboards, can travel at higher speeds. This has the potential to increase conflict among the variety of user types. As more of these higher speed devices surface, the need for regulation may become necessary in order to facilitate safety on trails.

Currently, the only regulation regarding vehicle type on Class I multi-use trails is for electric bikes and skateboards, both of which are allowed.

Electric bicycles (e-bikes) are divided into Class types:

- **Class I Pedal Assist:** The electric drive system on the e-bike can only be activated through a pedaling action and is limited to relatively low speeds.
- **Class II Throttle on Demand:** The electric drive system on the e-bike can be activated through a throttle element such as a grip-twist, trigger or button and is limited to low speeds. The motor system may also be activated through a pedaling action as with Class 1.
- **Class III Speed Pedelec:** The electric drive system on the e-bike can be activated through a pedaling action to reach higher top speeds (CA vehicle code requires users to be 16 years old).
- **Class IV Moped or Motorcycle:** The electric drive system can be activated through a pedaling action or throttle. The top speed is above 28 mph (This class of vehicle is prohibited on Class I facilities and requires users to be at least 16 years of age to operate).

California law only allows the first two e-bike class types on multi-use trail systems (Attachment 1). Electric skateboards are allowed to operate on all bikeway facility types.

### **Segway Personal Transportation vehicles:**

There is no legislation prohibiting this vehicle type from operating on sidewalks or on bikeway facilities, although some jurisdictions in the region (San Francisco) have adopted ordinances prohibiting operation on sidewalks.

California Streets and Highways Code section 890-892 establishes various regulation regarding bicycle facilities. Some important highlights from the section are:

- 890.2. As used in this chapter, "bicycle" means a device upon which any person may ride, propelled exclusively by human power through a belt, chain, or gears, and having either two or three wheels in a tandem or tricycle arrangement.
- 890.4a: Bike paths or shared use paths, also referred to as "Class I bikeways," which provide a completely separated right-of-way designated for the exclusive use of bicycles and pedestrians with crossflows by motorists minimized.
- 890.6a: The department, in cooperation with county and city governments, shall establish minimum safety design criteria for the planning and construction of each type of bikeway identified in Section 890.4 and roadways where bicycle travel is permitted.
  - 890.6b: The criteria shall include, but not be limited to, the design speed of the facility, minimum widths and clearances, grade, radius of curvature,

pavement surface, actuation of automatic traffic control devices, drainage, and general safety, with consideration for the safety of vulnerable populations, such as children, seniors, persons with impaired vision, and persons of limited mobility. The criteria shall be published by January 1, 2016, and updated biennially, or more often, as needed.

- 890.8: The department shall establish uniform specifications and symbols for signs, markers, and traffic control devices to designate bikeways, regulate traffic, improve safety and convenience for bicyclists, and alert pedestrians and motorists of the presence of bicyclists on bikeways and on roadways where bicycle travel is permitted. (Attachment 2)

Information from Chapter 1000 of the California Highway Design Manual can be accessed here:

<http://www.dot.ca.gov/hq/oppd/hdm/pdf/chp1000.pdf>

Bicycle facility information and regulation from the California Vehicle Code section 21200-21213 can be accessed here:

<http://www.leginfo.ca.gov/cgi-bin/displaycode?section=veh&group=21001-22000&file=21200-21213>

## **SUPPORTING DOCUMENTS**

Attachment(s): (1) California Bicycle Coalition User Chart  
(2) MUTCD Signage examples

# CALIFORNIA ELECTRIC BICYCLE POLICY

Attachment 1  
ATAC Agenda Item 7.2  
July 25, 2016



	VEHICLE		USER				BIKEWAY ACCESS				
	PEDAL OPERATED	MAXIMUM MOTOR-ASSISTED SPEED (MPH)	MINIMUM AGE (YEARS)	DRIVER'S LICENSE	LICENSE PLATE	HELMET	CLASS I BIKE PATH	CLASS II BIKE LANE	CLASS III BIKE ROUTE	CLASS IV PROTECTED LANE	
VEHICLE TYPE	BICYCLE 	YES	N/A	N/A	NO	NO	17 AND UNDER	YES	YES	YES	YES
	TYPE 1 E-BIKE* 	YES	20	N/A	NO	NO	17 AND UNDER	YES	YES	YES	YES
	TYPE 2 E-BIKE* 	NO	20	N/A	NO	NO	17 AND UNDER	YES	YES	YES	YES
	TYPE 3 E-BIKE* 	YES	28	16	NO	NO	YES	NO	YES	YES	YES
	MOPED 	NO	N/A	16	YES	YES	YES	NO	YES	YES	NO

\*PENDING AB-1096

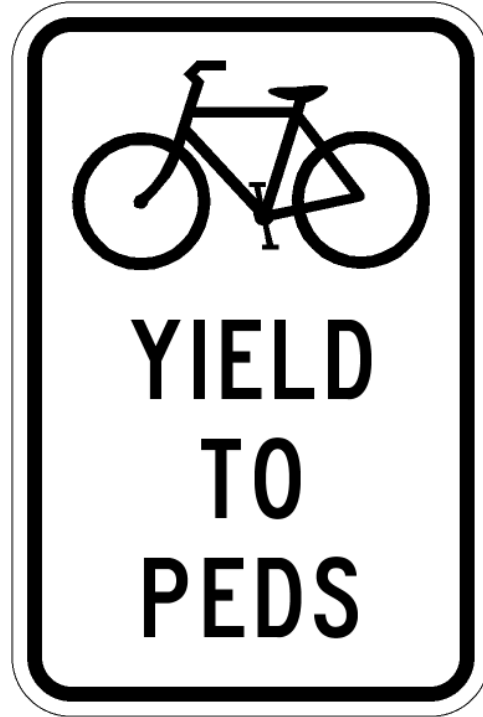


Typical Signage for shared use facilities:



R9-7

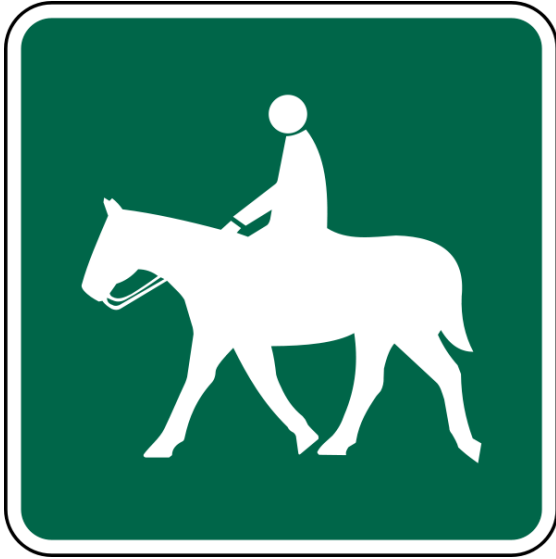
Sign image from the Manual of Traffic Signs <<http://www.traffic-sign.us/>>  
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R9-6

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\*Although this sign type is not typical for a Class I multi-use trail, it could be very effective.

More information on uniform traffic control devices for bicycle facilities and multi-use facilities can be found here:

<http://mutcd.fhwa.dot.gov/htm/2009/part9/part9b.htm>